

Principal vegetables: Planted and harvested acres

Vegetable	1998			2001		
	Total planted	Harvested for processing	Harvested for fresh market	Total planted	Harvested for processing	Harvested for fresh market
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Asparagus	17,500	14,200	2,800	15,500	11,500	2,800
Beans, snap	23,700	21,000	2,100	20,700	16,000	3,800
Cabbage	2,250	450	1,700	2,300	300	1,800
Cantaloups	800	0	750	600	0	500
Carrots	6,400	1,600	4,600	6,550	1,500	4,800
Cauliflower	400	0	400	400	150	220
Celery	2,300	400	1,800	2,000	500	1,400
Corn, sweet	11,000	0	10,000	10,500	0	9,000
Cucumbers	34,000	26,000	6,500	37,500	29,500	5,500
Onions, dry	4,500	0	4,200	4,100	0	3,700
Peas, green	1,765	1,700	50	1,750	1,500	45
Peppers, bell	1,900	250	1,550	1,900	200	1,400
Peppers, other	775	580	140	1,400	1,100	250
Potatoes	47,000	30,200	13,850	46,000	31,500	11,100
Pumpkins	4,100	0	3,800	5,500	0	4,400
Radishes	2,700	0	2,500	(¹)		(¹)
Squash, summer	2,250	900	1,300	3,200	800	2,200
Squash, winter	2,900	900	1,800	3,700	1,100	2,300
Tomatoes	5,100	2,500	2,300	5,200	3,100	1,800
Other ¹	3,800	0	3,600	8,350	150	7,150
Michigan	175,140	100,680	65,740	177,150	98,900	64,165

¹ See Table 2.

Other selected vegetables: Number of farms, acres, yield, and production

Vegetable	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds/acre</i>	<i>1,000 pounds</i>
Beets, red	70	150	140	8,000	1,120
Broccoli	100	210	205	6,400	1,312
Eggplant	75	160	140	27,500	3,850
Greens ¹	45	1,000	900	7,000	6,300
Lettuce, head	19	310	210	31,000	6,510
Lettuce, others	37	320	240	16,000	3,840
Onions, green	30	120	115	5,500	633
Parsnips	15	550	500	20,000	10,000
Radishes	28	3,500	3,000	6,500	19,500
Turnips	29	600	550	10,000	5,500
Watermelons	130	680	660	25,000	16,500
Other ²	80	750	640		
Michigan		8,350	7,300		

¹ Includes collard, kale, mustard, and turnip greens.

² Includes Brussel sprouts, cabbage, Chinese cabbage, celery, Swiss chard, chives, cilantro, dill, garlic, lima beans, leeks, okra, parsley, rhubarb, spinach, sweet potatoes, cherry, grape, and plum tomatoes, and watercress.

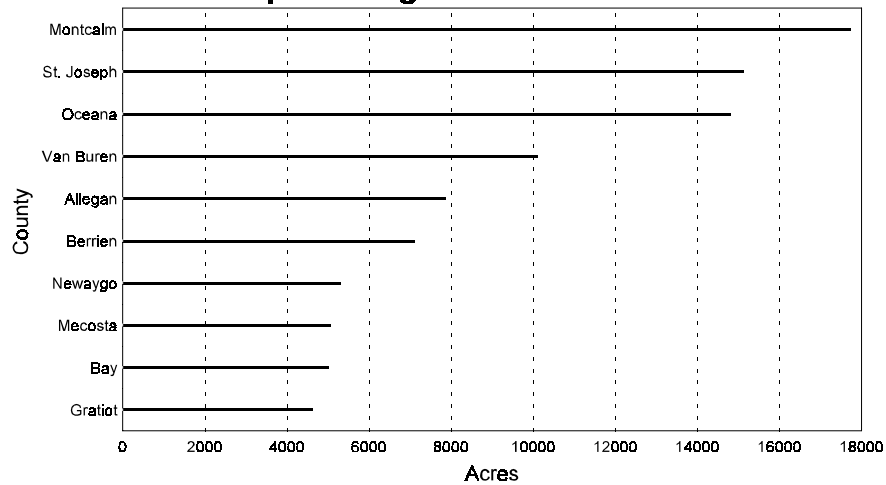
Principal vegetables: Number of farms and harvested acres

County and district	Farms	Processing	Fresh market	Total
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Delta	12		750	750
Dickinson	6	300	145	445
Marquette	3	200	150	350
Other counties	24	300	420	720
Upper Peninsula	45	800	1,465	2,265
Antrim	14	0	1,500	1,500
Grand Traverse	16	50	125	175
Kalkaska	4		750	750
Manistee	15	700	550	1,250
Other counties	41	50	475	525
Northwest	90	800	3,400	4,200
Presque Isle	19	50	2,080	2,130
Other counties	26	50	170	220
Northeast	45	100	2,250	2,350
Mason	46	3,450	750	4,200
Muskegon	20	2,050	450	2,500
Newaygo	28	900	4,400	5,300
Oceana	130	11,400	3,400	14,800
Gratiot	17	4,350	260	4,610
Isabella	7	800	600	1,400
Mecosta	17	4,800	250	5,050
Midland	10	300	30	330
Montcalm	39	16,900	830	17,730
Other counties	11	50	330	380
West Central and Central	325	45,000	11,300	56,300
Arenac	20	2,200	850	3,050
Bay	67	2,500	2,500	5,000
Saginaw	27	2,950	250	3,200
Tuscola	20	2,850	350	3,200
Other counties	21	700	950	1,650
East Central	155	11,200	4,900	16,100
Allegan	52	3,550	4,300	7,850
Berrien	116	800	6,300	7,100
Cass	16	2,850	1,100	3,950
Kalamazoo	22	2,100	300	2,400
Kent	40	600	2,650	3,250
Ottawa	71	300	2,850	3,150
Van Buren	63	7,100	3,000	10,100
Southwest	380	17,300	20,500	37,800
Branch	15	2,700	250	2,950
Calhoun	24	200	650	850
Clinton	26	200	400	600
Eaton	18		1,550	1,550
Ingham	17		900	900
Ionia	12	550	550	1,100
Jackson	21		550	550
St Joseph	42	14,300	800	15,100
Other counties	25	250	350	600
South Central	200	18,200	6,000	24,200

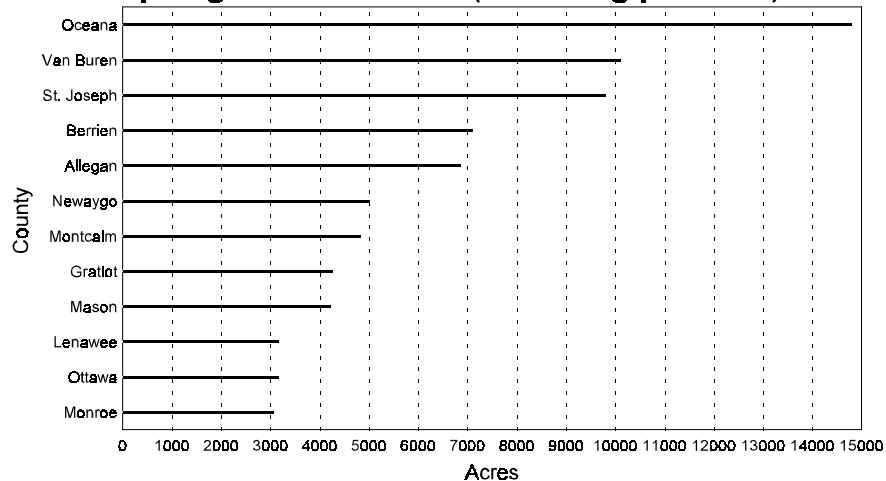
Principal vegetables: Number of farms and harvested acres (continued)

County and district	Farms	Processing	Fresh market	Total
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Genesee	31	750	650	1,400
Lapeer	33		2,250	2,250
Lenawee	25	2,750	850	3,600
Livingston	20	50	1,250	1,300
Macomb	48		2,650	2,650
Monroe	45	1,950	2,300	4,250
Oakland	14		400	400
St Clair	32		700	700
Washtenaw	34		2,500	2,500
Wayne	28		800	800
Southeast	310	5,500	14,350	19,850
Michigan	1,550	98,900	64,165	163,065

Top Ten Vegetable Counties



Top Vegetable Counties (excluding potatoes)



Vegetables, all: Number of farms and planted acres, by size group

Size group	Farms	Percent of total	Planted	Percent of total
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
1 to 10 acres	625	40.3	3,000	1.7
11 to 25 acres	240	15.5	4,950	2.8
26 to 50 acres	185	11.9	9,000	5.1
51 to 100 acres	180	11.6	15,200	8.6
101 to 250 acres	170	11.0	32,000	18.1
251 to 500 acres	90	5.8	36,000	20.3
501 acres or more	60	3.9	77,000	43.5
Michigan	1,550		177,150	

Vegetables, processing: Number of farms and harvested acres, by size group

Size group	Farms	Percent of total	Harvested	Percent of total
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
1 to 10 acres	90	19.6	300	0.3
11 to 25 acres	60	13.0	1,100	1.1
26 to 50 acres	70	15.2	3,000	3.0
51 to 100 acres	65	14.1	5,500	5.6
101 to 250 acres	85	18.5	15,000	15.2
251 to 500 acres	50	10.9	20,000	20.2
501 acres or more	40	8.7	54,000	54.6
Michigan	460		98,900	

Vegetables, fresh market: Number of farms and harvested acres, by size group

Size group	Farms	Percent of total	Harvested	Percent of total
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
1 to 10 acres	620	50.0	2,715	4.2
11 to 25 acres	220	17.7	3,750	5.8
26 to 50 acres	150	12.1	5,350	8.3
51 to 100 acres	105	8.5	7,250	11.3
101 to 250 acres	90	7.3	13,700	21.4
251 to 500 acres	37	3.0	12,600	19.6
501 acres or more	18	1.5	18,800	29.3
Michigan	1,240		64,165	

Vegetables, processing: Production and value

Vegetable	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Asparagus	12,100	840	10,164
Beans, snap	56,000	160	8,960
Broccoli	465	280	130
Carrots	31,500	69	2,174
Cauliflower	1,200	320	384
Celery	14,250	145	2,066
Cucumbers, processing	125,375	246	30,842
Peas, green	3,900	200	780
Peppers, other	7,700	350	2,695
Potatoes ¹	455,000	131	59,605
Squash, summer	10,400	130	1,352
Squash, winter	17,050	42	716
Tomatoes	105,400	80	8,432
Other vegetables ²			1,336
Michigan			129,636

¹ Value of sales.

² Cabbage for kraut, parsley, and bell peppers.

Vegetables, fresh market: Production and value

Vegetable	Production	Price per cwt	Value
	<i>Cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Asparagus	48,000	49	2,352
Beans, snap	190,000	35	6,650
Beets, red	11,200	18	202
Broccoli	3,825	75	287
Cabbage	576,000	14	8,064
Cantaloups	52,500	21	1,103
Carrots	1,680,000	14	23,184
Cauliflower	16,500	45	743
Celery	588,000	18	10,643
Corn, sweet	540,000	22	11,880
Cucumbers, fresh	1,210,000	20	24,200
Eggplant	38,500	25	963
Greens	63,000	27	1,701
Onions	999,000	12	12,188
Peas, green	810	105	85
Peppers, bell	368,200	22	8,100
Peppers, other	27,500	40	1,100
Potatoes ¹	3,000,000	11	32,700
Pumpkins	528,000	12	6,336
Radishes	195,000	25	4,875
Squash, summer	418,000	19	7,942
Squash, winter	310,500	17	5,279
Tomatoes	378,000	35	13,230
Turnips	55,000	18	990
Watermelons	165,000	11	1,815
Other vegetables ²			7,755
Michigan			194,365

¹ Value of sales.

² Head lettuce, other lettuce, green onions, and parsnips.

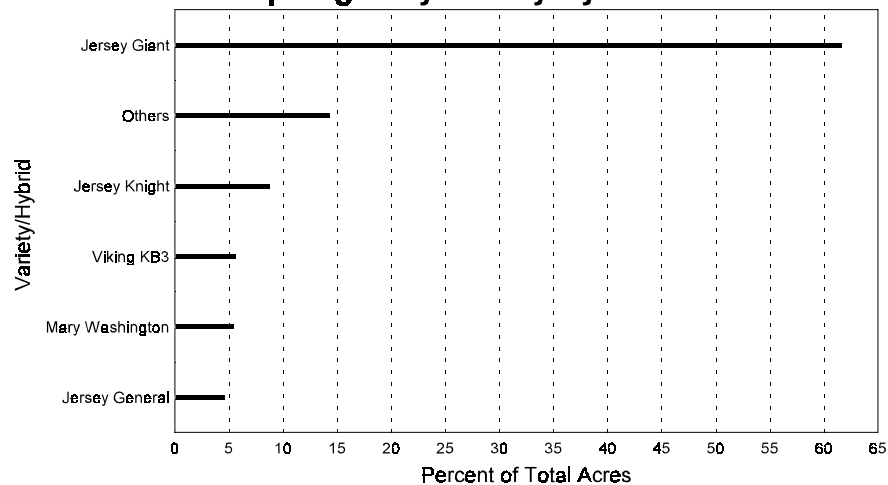
**Asparagus: Number of farms and acres
planted, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
Manistee	10	375
Other counties	11	95
Northwest	21	470
Mason	35	2,200
Oceana	125	9,600
Other counties	10	200
West Central	170	12,000
Mecosta	6	200
Other counties	7	20
Central	13	220
Berrien	14	360
Ottawa	6	120
Van Buren	31	1,420
Other counties	25	680
Southwest	76	2,580
South Central	21	110
Southeast	35	80
Other districts	14	40
Michigan	350	15,500

**Asparagus, processing: Harvested acres, yield,
and production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
West Central	9,600	2,200	21,130
Southwest	1,550	1,500	2,330
Other districts	350	2,100	740
Michigan	11,500	2,100	24,200

Asparagus by Variety/Hybrid



**Asparagus, fresh market: Harvested acres, yield, and production,
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Northwest	250	1,600	400
West Central	1,550	1,900	2,945
Southwest	750	1,600	1,200
South Central	90	950	86
Southeast	55	850	47
Other districts	105	1,150	123
Michigan	2,800	1,710	4,800

Asparagus: Acres by variety and year of planting

Variety or hybrid	Before 1987	1987-91	1992-96	1997-98	1999	2000	2001	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Franklin	38	40	32	32	63	0	0	205
Jersey Centennial	68	135	9	0	0	8	0	220
Jersey Gem	25	130	129	32	38	0	6	360
Jersey General	0	145	235	38	19	19	19	475
Jersey Giant	445	1,290	1,995	2,025	770	625	450	7,600
Jersey Knight	150	130	380	80	52	19	74	885
Jersey Prince	35	0	0	0	0	0	0	35
Jersey Supreme	0	10	0	0	25	0	160	195
Mary Washington	420	137	85	18	0	0	0	660
Millenium	33	13	6	35	8	19	21	135
SYN 4-56	50	270	60	0	0	0	0	380
Viking KB3	200	235	65	0	0	0	0	500
Other varieties	26	115	124	50	15	20	0	350
West Central	1,490	2,650	3,120	2,310	990	710	730	12,000
Franklin	0	0	0	0	0	0	0	0
Jersey Centennial	3	2	0	0	0	0	0	5
Jersey Gem	0	25	14	6	0	0	0	45
Jersey General	0	94	6	13	112	0	0	225
Jersey Giant	51	190	645	600	240	170	54	1,950
Jersey Knight	0	115	335	7	2	0	1	460
Jersey Prince	0	0	63	0	27	0	0	90
Jersey Supreme	0	0	0	0	0	0	0	0
Mary Washington	120	38	8	9	0	0	0	175
Millenium	0	0	0	0	0	0	0	0
SYN 4-56	7	115	8	0	0	0	0	130
Viking KB3	235	65	61	3	1	0	0	365
Other varieties	9	21	15	7	3	0	0	55
Other districts	425	665	1,155	645	385	170	55	3,500
Franklin	38	40	32	32	63	0	0	205
Jersey Centennial	71	137	9	0	0	8	0	225
Jersey Gem	25	155	143	38	38	0	6	405
Jersey General	0	239	241	51	131	19	19	700
Jersey Giant	496	1,480	2,640	2,625	1,010	795	504	9,550
Jersey Knight	150	245	715	87	54	19	75	1,345
Jersey Prince	35	0	63	0	27	0	0	125
Jersey Supreme	0	10	0	0	25	0	160	195
Mary Washington	540	175	93	27	0	0	0	835
Millenium	33	13	6	35	8	19	21	135
SYN 4-56	57	385	68	0	0	0	0	510
Viking KB3	435	300	126	3	1	0	0	865
Other varieties	35	136	139	57	18	20	0	405
Michigan	1,915	3,315	4,275	2,955	1,375	880	785	15,500

Beans, snap, processing: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Mason	9	1,400			
Oceana	8	1,150			
Other counties	2	500			
West Central	19	3,050	2,900	4,900	14,210
Montcalm	9	1,650			
Other counties	2	250			
Central	11	1,900	1,800	7,500	13,500
Kalamazoo	8	1,700			
Other counties	4	2,400			
Southwest	12	4,100	4,000	7,600	30,400
Branch	9	1,450			
St Joseph	20	5,500			
Other counties	2	350			
South Central	31	7,300	7,150	7,400	52,910
Other districts	2	150	150	6,500	980
Michigan	75	16,500	16,000	7,000	112,000

Beans, snap, fresh market: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	55	2,650	2,500	6,100	15,250
South Central	50	380	350	3,100	1,085
Macomb	17	290			
Monroe	7	70			
Other counties	66	300			
Southeast	90	650	500	2,900	1,450
Other districts	65	520	450	2,700	1,215
Michigan	260	4,200	3,800	5,000	19,000

Cabbage, processing: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Michigan	3	300	300	48,000	14,400

Cabbage, fresh market: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Kent and Ottawa	13	465			
Other counties	24	45			
Southwest	37	510	480	20,000	9,600
Macomb	20	170			
Monroe and Lenawee	20	650			
Other counties	40	250			
Southeast	80	1,070	1,000	40,000	40,000
Other districts	108	420	320	25,000	8,000
Michigan	225	2,000	1,800	32,000	57,600

Cantaloups: Number of farms, acres, yield, and production, by county and district

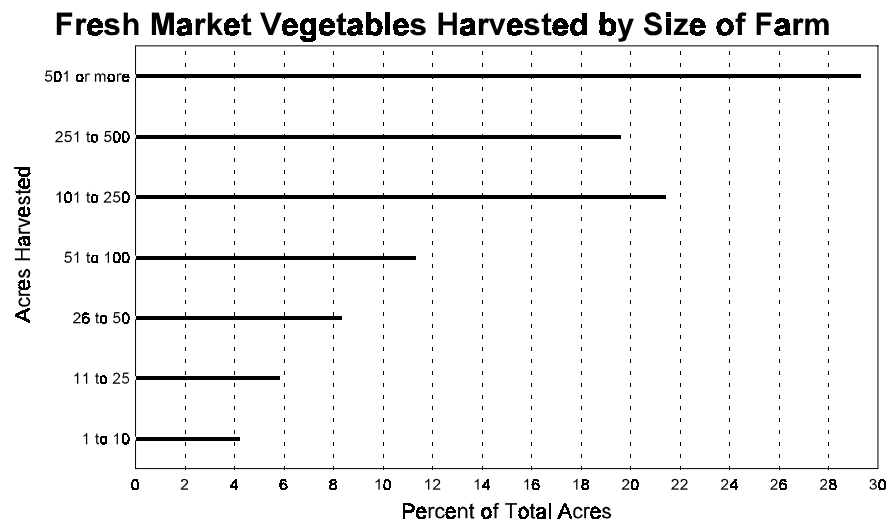
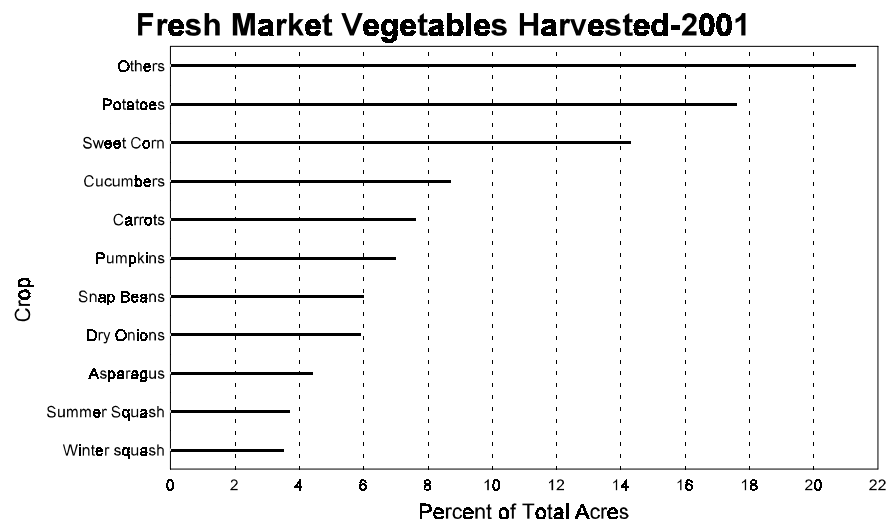
County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Bay	27	100			
Other counties	19	20			
East Central	46	120	80	9,000	720
Berrien	27	60			
Van Buren	9	35			
Other counties	37	55			
Southwest	73	150	140	7,200	1,008
South Central	38	50	35	12,000	420
Macomb	11	40			
Washtenaw	8	40			
Other counties	37	180			
Southeast	56	260	230	13,000	2,990
Other districts	22	20	15	7,500	112
Michigan	235	600	500	10,500	5,250

Carrots, processing: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	6	630			
Other counties	3	330			
West Central	9	960	930	42,900	39,900
Other districts	6	590	570	40,500	23,100
Michigan	15	1,550	1,500	42,000	63,000

Carrots, fresh market: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Newaygo	9	1,800			
Other counties	10	800			
West Central	19	2,600	2,500	39,000	97,500
Lapeer	9	800			
Other counties	11	70			
Southeast	20	870	850	25,000	21,200
Other districts	56	1,530	1,450	34,000	49,300
Michigan	95	5,000	4,800	35,000	168,000



**Cauliflower: Number of farms and planted acres,
by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
East Central	14	50
Southwest	27	235
Macomb	16	27
St Clair	8	22
Monroe	6	25
Other counties	11	16
Southeast	41	90
Other districts	23	25
Michigan	105	400

Fresh Market Vegetables

Each dot represents 200 harvested acres



**Cauliflower, processing: Harvested acres, yield, and
production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	150	16,000	2,400
Michigan	150	16,000	2,400

**Cauliflower, fresh market: Harvested acres, yield, and
production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	75	6,200	465
Southeast	80	8,700	696
Other districts	65	7,500	489
Michigan	220	7,500	1,650

**Celery: Number of farms and planted
acres, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
Muskegon	4	170
Newaygo & Oceana	3	180
West Central	7	350
Allegan	3	330
Kent	4	310
Ottawa	7	360
Van Buren	3	400
Southwest	17	1,400
Other districts	7	250
Michigan	31	2,000

**Celery, processing: Harvested acres, yield, and
production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
West Central	320	58,700	18,780
Southwest	180	54,000	9,720
Michigan	500	57,000	28,500

**Celery, fresh market: Harvested acres, yield, and
production, by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	1,100	41,200	45,300
Other districts	300	45,000	13,500
Michigan	1,400	42,000	58,800

Corn, sweet, fresh market: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Emmet	8	45			
Grand Traverse	9	80			
Other counties	33	345			
Northwest	50	470	380	4,300	1,634
Newaygo and Oceana	16	1,000			
Other counties	12	150			
West Central	28	1,150	1,100	4,100	4,510
Bay	35	335			
Saginaw	13	120			
Other counties	36	245			
East Central	84	700	590	3,600	2,124
Allegan	25	220			
Berrien	42	490			
Kent	20	570			
Ottawa	23	180			
Van Buren	15	200			
Other counties	25	290			
Southwest	150	1,950	1,750	7,900	13,825
Calhoun	18	140			
Clinton	12	220			
Ingham	13	195			
Ionia	10	120			
Jackson	23	285			
Other counties	36	290			
South Central	112	1,250	1,000	7,600	7,600
Genesee	21	330			
Lapeer	21	230			
Lenawee	13	240			
Livingston	13	180			
Macomb	33	1,170			
Monroe	22	690			
Oakland	12	260			
St Clair	22	300			
Washtenaw	18	770			
Wayne	11	430			
Southeast	186	4,600	3,900	5,800	22,620
Other districts	70	380	280	6,000	1,687
Michigan	680	10,500	9,000	6,000	54,000

Cucumbers, processing: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Manistee	9	450			
Other counties	6	150			
Northwest	15	600	550	15,900	8,740
Oceana	13	750			
Muskegon	1	1,400			
Other counties	5	550			
West Central	19	2,700	2,500	8,600	21,500
Gratiot	10	3,700			
Montcalm	4	850			
Other counties	4	550			
Central	18	5,100	4,700	10,200	47,940
Arenac	11	2,200			
Bay	22	1,900			
Saginaw	9	2,000			
Tuscola	10	1,650			
Other counties	6	650			
East Central	58	8,400	7,800	6,600	51,480
Allegan	12	2,300			
Berrien	14	450			
Van Buren	2	6,000			
Other counties	12	1,050			
Southwest	40	9,800	9,700	8,400	81,480
St Joseph	10	3,100			
Other counties	4	400			
South Central	14	3,500	3,400	9,300	31,620
Southeast	16	900	850	9,400	7,990
Michigan	180	31,000	29,500	8,500	250,750

Cucumbers, fresh market: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Allegan and Cass	9	3,500			
Berrien and Van Buren	36	1,800			
Other counties	19	200			
Southwest	64	5,500	4,600	23,500	108,100
Macomb	16	55			
Monroe	10	80			
Other counties	41	65			
Southeast	67	200	150	18,500	2,775
West Central	11	680			
East Central	21	70			
Districts 1, 2, 3, 5, 8 ¹	67	50			
Other districts	99	800	750	13,500	10,125
Michigan	230	6,500	5,500	22,000	121,000

¹ Upper Peninsula, Northwest, Northeast, Central, and South Central.

Peppermint: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>
Clinton	5	400		
Other counties	8	600		
Michigan	13	1,000	50	50

Spearmint: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>
Clinton	5	1,400		
Other counties	5	300		
Michigan	10	1,700	50	85

Onions, dry: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Newaygo	9	1,000			
Other counties	3	150			
West Central	12	1,150	1,050	19,100	20,060
Allegan	5	400			
Ottawa	4	350			
Other counties	11	300			
Southwest	20	1,050	1,000	35,500	35,500
Calhoun	7	180			
Eaton	4	800			
Ionia	3	270			
Other counties	18	530			
South Central	32	1,600	1,400	27,500	38,500
Lapeer	5	190			
Other counties	17	35			
Southeast	22	225	200	24,700	4,940
Other districts	33	75	50	18,000	900
Michigan	119	4,100	3,700	27,000	99,900

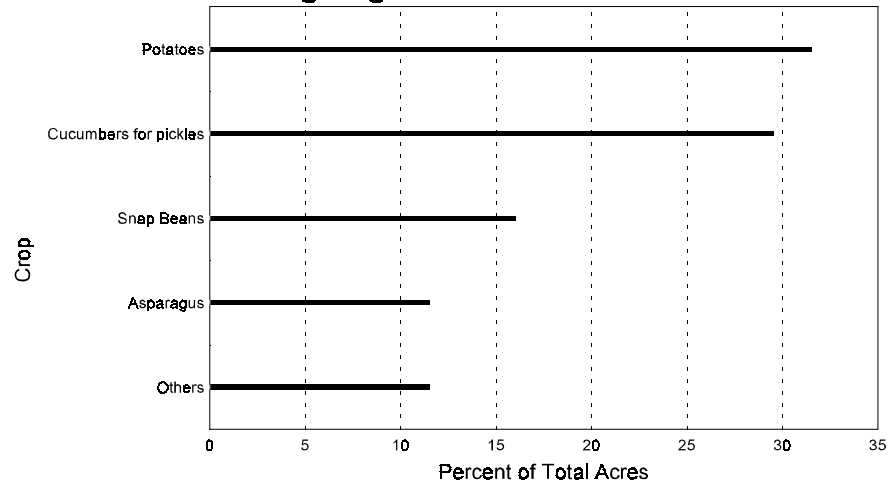
Peas, green, processing: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Montcalm	7	1,350			
Other counties	2	350			
Central	9	1,700	1,500	5,200	7,800
Michigan	9	1,700	1,500	5,200	7,800

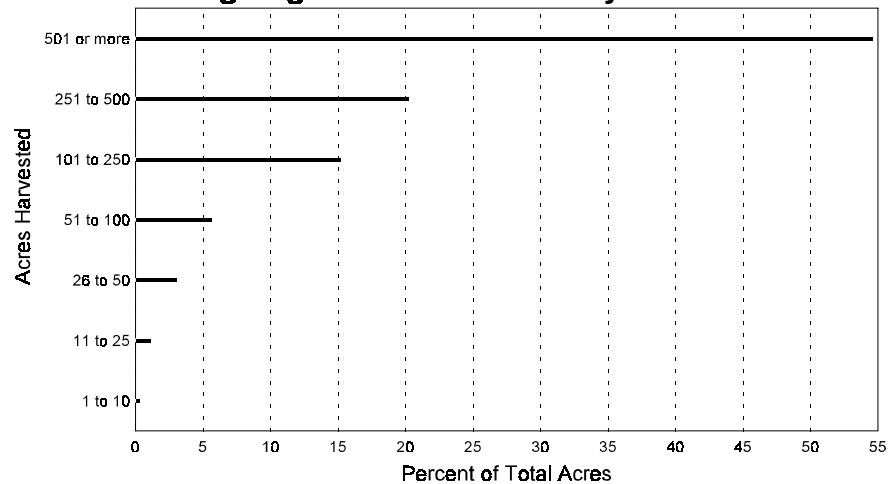
Peas, green, fresh market: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Michigan	50	50	45	1,800	81

Processing Vegetables Harvested-2001



Processing Vegetables Harvested by Size of Farm



**Peppers, bell: Number of farms and
planted acres, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
Newaygo and Oceana	9	460
Other counties	5	10
West Central	14	470
Bay	20	75
Other counties	14	15
East Central	34	90
Berrien	30	320
Kent	12	100
Ottawa	15	120
Van Buren	10	330
Other counties	17	40
Southwest	84	910
Macomb	25	65
Monroe	15	200
Other counties	55	105
Southeast	95	370
Other districts	68	60
Michigan	295	1,900

**Peppers, bell, fresh market: Acres, yield, and production,
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
West Central	390	26,000	10,140
East Central	45	7,200	324
Southwest	770	31,000	23,870
Southeast	155	13,200	2,046
Other districts	40	11,000	440
Michigan	1,400	26,300	36,820

**Peppers, other: Number of farms and
planted acres, by county and district**

County and district	Farms	Planted
	<i>Number</i>	<i>Acres</i>
West Central	8	160
Central	7	460
Bay	12	33
Other counties	4	2
East Central	16	35
Berrien	16	120
Van Buren	8	25
Other counties	14	15
Southwest	38	160
Lenawee & Monroe	14	550
Other counties	38	30
Southeast	52	580
Other districts	14	5
Michigan	135	1,400

**Peppers, other, processing: Acres, yield, and production,
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Michigan	1,100	14,000	15,400

**Peppers, other, fresh market: Acres, yield, and production,
by county and district**

County and district	Harvested	Yield	Production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Southwest	120	16,000	1,920
Southeast	35	6,400	220
Other districts	95	6,400	610
Michigan	250	11,000	5,500

Potatoes: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Delta	9	900			
Dickinson	7	700			
Marquette	3	350			
Other counties	18	850			
Upper Peninsula	37	2,800	2,800	20,000	56,000
Kalkaska	3	1,400			
Other counties	20	1,800			
Northwest and West Central	23	3,200	3,150	37,000	116,700
Presque Isle	16	2,200			
Other counties	6	500			
Northeast	22	2,700	2,650	20,000	53,000
Mecosta	3	4,000			
Montcalm	20	13,000			
Other counties	4	1,000			
Central	27	18,000	17,900	33,000	591,000
Bay	27	2,600			
Saginaw	2	1,200			
Tuscola	5	1,200			
Other counties	9	1,400			
East Central	43	6,400	5,800	27,000	156,600
Allegan	4	1,000			
Other counties	27	2,100			
Southwest	31	3,100	3,050	29,000	88,500
St Joseph	10	5,300			
Other counties	20	2,200			
South Central	30	7,500	7,450	37,000	276,000
Monroe	14	1,200			
Other counties	18	1,100			
Southeast	32	2,300	2,200	26,000	57,200
Michigan	245	46,000	45,000	31,000	1,395,000

Potatoes: Acres and production, by utilization

Use	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>Cwt</i>
Fresh market	12,000	11,100	290	3,200,000
Chipping	31,000	30,900	325	10,050,000
Other	600	600	210	125,000
Seed	2,400	2,400	240	575,000
Michigan	46,000	45,000	310	13,950,000

Potatoes: Planted acres, by district and utilization

District	Fresh market	Chipping	Freezing	Seed	Total Planted
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Upper Peninsula	1,000	400	200	1,200	2,800
Northwest and West Central	2,600	0	0	600	3,200
Northeast	2,100	0	0	600	2,700
Central	600	17,400	0	0	18,000
East Central	2,900	3,500	0	0	6,400
Southwest	400	2,700	0	0	3,100
South Central	1,550	5,700	250	0	7,500
Southeast	850	1,300	150	0	2,300
Michigan	12,000	31,000	600	2,400	46,000

**Potatoes: Number of farms and
acres, by size group**

Size group	Farms	Acres
4.9 acres or less	90	160
5 to 24.9 acres	32	340
25 to 99.9 acres	38	2,300
100 to 199.9 acres	39	5,500
200 to 299.9 acres	12	2,900
300 to 499.9 acres	11	4,100
500 to 999.9 acres	13	8,200
1,000 acres or more	10	22,500
Michigan	245	46,000

Processing Vegetables

Each dot represents 200 harvested acres



Pumpkins: Number of farms, acres, yield, and production, by county and district

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	17	330			
Other counties	15	50			
West Central	32	380	340	16,000	5,440
Central	29	490	430	9,500	4,080
Bay	27	130			
Saginaw	9	90			
Other counties	18	70			
East Central	54	290	180	18,500	3,330
Allegan	14	100			
Berrien	43	370			
Kent	15	85			
Ottawa	27	135			
Van Buren	18	215			
Other counties	25	135			
Southwest	142	1,040	920	10,500	9,650
Branch	7	50			
Clinton	10	50			
Ingham	10	55			
Jackson	15	75			
Other counties	45	290			
South Central	87	520	470	8,700	4,090
Genesee	18	80			
Lapeer	24	145			
Lenawee	8	230			
Livingston	12	65			
Macomb	32	540			
Monroe	25	500			
Oakland	13	140			
St Clair	16	100			
Washtenaw	25	430			
Wayne	18	210			
Southeast	191	2,440	1,870	12,900	24,120
Upper Peninsula	20	80			
Northwest	39	175			
Northeast	18	85			
Other districts	77	340	190	11,000	2,090
Michigan	580	5,500	4,400	12,000	52,800

**Squash, summer, processing: Number of farms, acres,
yield, and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	10	650			
Other counties	2	150			
West Central	12	800	900		
Michigan	12	800	800	26,000	20,800

**Squash, summer, fresh market: Number of farms, acres,
yield, and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Oceana	6	220			
Other counties	14	330			
West Central	20	550	520	20,200	10,510
Berrien	45	600			
Van Buren	15	510			
Other counties	30	260			
Southwest	90	1,370	1,300	20,300	26,390
Lapeer	12	105			
Macomb	20	125			
Other counties	35	70			
Southeast	67	300	230	12,500	2,875
Other districts	98	180	150	13,500	2,025
Michigan	275	2,400	2,200	19,000	41,800

**Squash, winter, processing: Number of farms, acres, yield,
and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Mason and Newaygo	7	450			
Oceana	8	600			
West Central	15	1,050	1,050		
Other districts	2	50	50		
Michigan	17	1,100	1,100	31,000	34,100

**Squash, winter, fresh market: Number of farms, acres, yield,
and production, by County and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Central	15	230	210	16,500	3,460
Bay	16	75			
Other counties	23	55			
East Central	39	130	90	19,000	1,710
Berrien	37	300			
Ottawa	21	500			
Van Buren	10	105			
Other counties	44	375			
Southwest	112	1,280	1,150	13,500	15,520
Lapeer	20	145			
Macomb	29	160			
St Clair	11	45			
Other counties	41	80			
Southeast	101	430	350	9,600	3,360
Other districts	118	530	500	14,000	7,000
Michigan	385	2,600	2,300	13,500	31,050

**Tomatoes, processing: Number of farms, acres, yield,
and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Branch	3	360			
Calhoun and St Joseph	4	1,040			
South Central	7	1,400	1,250	66,500	83,130
Lenawee	3	900			
Monroe	4	1,000			
Southeast	7	1,900	1,850	69,000	127,670
Michigan	14	3,300	3,100	68,000	210,800

**Tomatoes, fresh market: Number of farms, acres, yield,
and production, by county and district**

County and district	Farms	Planted	Harvested	Yield	Production
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>
Bay	27	75			
Other counties	28	40			
East Central	55	115	105	17,000	1,785
Berrien	45	930			
Other counties	76	330			
Southwest	121	1,260	1,210	25,800	31,220
Macomb	31	100			
Monroe	16	95			
Other counties	83	170			
Southeast	130	365	340	8,900	3,026
Other districts	144	160	145	12,200	1,769
Michigan	450	1,900	1,800	21,000	37,800

Survey Methods

The 2001 Rotation Vegetable Survey questionnaire was mailed to operations on the Michigan Agricultural Statistics Service's (MASS's) list sampling frame that had indicators of vegetables. The first mailing occurred in mid-October 2001. Questionnaires were sent to potato and mint operations in late November 2001. Operators who did not respond by mail were telephoned or interviewed in person in November, December and January. Acres by crop were estimated for those who refused or who were unable to be contacted. Completion rates by type were as follows: mailed—25 percent; telephoned—43 percent; interviewed—13 percent; estimated—19 percent. The percent of cooperation varied widely by crop, as shown in the table below.

The definition of a commercial grower for this inventory was anyone growing at least one total acre of the crops of interest—potatoes, mint or vegetables. There were a total of 1,550 such farms identified. That was down from 2,020 three years ago. The decline was in small and medium-sized

vegetable farms. Three years ago there were 1,865 farms with 250 acres or less of vegetables. That count fell to 1,400 in 2001. The total acres of vegetables, however, rose by one percent since 1998 to just over 177,000.

Acres planted for major counties for each vegetable crop and utilization are shown except when confidentiality rules prohibited county level data publication. This is when there are fewer than three growers in the county or when one grower has more than 60 percent of the acres. Harvested acres and mean yields are shown at the agricultural statistics district level for major vegetable crops. They are published at the state level for minor crops.

Several vegetable farms operated in more than one county. The individual crop acres were split among the counties according to the percentage of the total vegetable acres in each county. The farm was, however, attributed to only the county with the majority of vegetable acres.

Percent of Acres Imputed

Crop	Percent
Asparagus	17.7
Beans, snap, processing	19.0
Beans, snap, fresh	11.3
Cabbage	13.2
Cantaloups	37.2
Carrots	19.7
Cauliflower	12.5
Celery	19.6
Corn, sweet	23.6
Cucumbers, processing	17.3
Cucumbers, fresh	3.6
Mint	46.8
Onions, dry	12.5
Peppers, bell	18.8
Peppers, other	35.4
Potatoes	20.0
Pumpkins	13.3
Squash, summer	15.8
Squash, winter	4.7
Tomatoes, processing	12.3
Tomatoes, fresh	15.0
Turnips	22.1